

BAB 5

KESIMPULAN dan SARAN

5.1 Kesimpulan

Berdasarkan hasil penelitian yang berjudul Profil Penggunaan Amlodipin pada Pasien Penyakit Gagal Ginjal Kronik di Rumah Sakit Umum Daerah Kabupaten Sidoarjo periode Juli 2014 sampai Desember 2014 diperoleh kesimpulan sebagai berikut :

- a. Penggunaan amlodipin tunggal sebanyak 3 pasien (15%) (1x10 mg) PO.
- b. Penggunaan amlodipin kombinasi dengan antihipertensi lain yang paling banyak adalah dengan furosemid sebanyak 7 pasien (35%), amlodipin (1x10mg) PO + furosemid (1x40mg) PO.
- c. Penggunaan amlodipin yang diberikan pada pasien gagal ginjal kronik rawat inap di RSUD Kabupaten Sidoarjo terkait dosis, rute dan frekuensi sudah sesuai dengan *guidelines* Aminof, 2011 yang ada.
- d. Tekanan darah pasien dengan kondisi keluar rumah sakit yang sudah sesuai dengan guideline JNC VII sebanyak 40%, sedangkan yang tidak sesuai sebanyak 60%.

5.2 Saran

1. Diperlukan penulisan RMK yang lebih lengkap, sehingga didapatkan data yang lebih baik untuk penelitian selanjutnya.
2. Diperlukan penelitian lebih lanjut dengan menggunakan metode prospektif agar peneliti dapat mengamati kondisi pasien dan permasalahan terkait terapi obat secara langsung, dapat berinteraksi dengan pasien, dokter dan para klinisi serta dihasilkan profil penggunaan obat yang lebih representatif.

DAFTAR PUSTAKA

- Aminoff, Michael J., Barbour, David M., Baron, Robert B., Kevin., Bashore, Thomas M., Berger., Timothy G., Henry F., Cheng, Hugo Q., et al. 2010. Systemic Hypertension *In* : McPhee, Papadakis., (Eds), Current Medical Diagnosis & Treatment Forty-Ninth Edition, New York : The McGraw-Hill Companies, Inc, p. 398-406.
- Bailie GR, Uhlig K, Levey AS, 2005, *Clinical practice guidelines in nephrology: evaluation, classification, and stratification of chronic kidney disease*, Pharmacotherapy, p. 491-502.
- Baradero, M., Wilfrid M. dan Siswadi Y. 2005, *Klien Gangguan Ginjal*, Jakarta : Buku Kedokteran EGC.
- Basile JN. 2008. Rationale for fixed-dose combination therapy to reach lower blood pressure goals. *South Med J*, 101(9) : 918-924.
- Carmen A. Peralta., Leroi S. Hicks., Glenn M. Chertow., John Z. Ayanian., Eric Vittinghoff., Feng Lin., and Michael G. Shlipak. 2005. *Control of Hypertension in Adults With Chronic Kidney Disease in The United States*. American Heart Association.
- CDC, 2007. Prevalence of Chronic Kidney Disease and Associated Risk Factors-United States 1999-2004, *MMWR : Morbidity and Mortality Weekly Report*, Vol 56, No 8, pp. 161-162.
- Corrigan, RM, 2011, 'The experience of the older adult with end-stage renal disease on hemodialysis', Thesis, Queen's University, Canada.
- Ester, Monica, 1996, *Keperawatan Medikal Bedah :Buku Saku dari Brunner & Suddarth*, Jakarta : Buku Kedokteran EGC.
- Fagan, S.C., and Hess, D.C., 2008.Stroke. In: Dipiro, J.T., Talbert, L., Yee, G.C., Matzke, G.R., Wells, B.G., and Posey, L., *Pharmacoterapy: A*

Pathophysiologic Approach, Ed. 6th, United States of America: The McGraw-Hill Companies, Inc., p.415-427.

Gopalan, 2008. *Eight-point Risk Factor Checklist Evolved to Predict Chronic Kidney Disease*. Available from: <http://www.medindia.net/news/Eight-point-Risk-Factor-Checklist-Evolved-to-Predict-Chronic-Kidney-Disease-45537-2.htm>[Accessed 1 Mei 2015]

Greene, R.J., Harris, N.D., and Goodyer, L.I. 2000, *Pathology and Therapeutics for Pharmacists : a basic for clinical pharmacy practice*, 2nd edition, Pharmaceutical Press, United Kingdom.

Guyton A. C., and Hall J. E., 2006. *Buku Ajar Fisiologi Kedokteran Edisi 11*. Penerjemah: Irawati, Ramadani D, Indriyani F. Jakarta: Penerbit Buku Kedokteran EGC.

Hudson, J.Q., 2008. Chronic Kidney Disease: Therapeutic Approach For The Management of Complications. In: Joseph Dipiro T., Robert L. Talbert, Gary C. Yee, Gary R. Matzke, Barbara G. Wells and L. Michael Posey (Eds), *Pharmacotherapy: A Pathophysiologic Approach, 7th ed.* USA: The Mc Graw Hill Company, Inc.

James, M.T., Hemmelgarn, B.R., Tonelli, M., 2010. Renal Medicine 2: Early recognition and prevention of chronic kidney disease. *Lancet* Vol 375, p. 1296–309.

JNC (Joint National Committee) VII. 2003. *Prevention, detection, evaluation, and treatment of high blood pressure*. Boston : National heart, lung, and blood institute.

Joy, M. S., Kshirsagar, A., and Paparello, J., 2008. *Chronic Kidney Disease: Progression-Modifying Therapies*, In : Dipiro, J.T., Wells, B.G., Talbert, R.L., Yee, G.C., Matzke, G.R., Posey, L.M., (Eds), *Pharmacotherapy, A Pathophysiologic Approach, 6th ed.* New York : McGraw Hill Companies.

Kepmenkes, 2010. *Penyelenggaraan Jaminan Kesehatan*. Jakarta

Kossi, M.E., Bello, A.K., Hamer, R., and Nahas, A.M., 2007. *Chronic Kidney Disease – Prevention of Progression and Cardiovascular Complications*. In: Goldsmith, D., Jayawardene, S., and Ackland, P., ABC of Kidney Disease, London: Balckwell Publishing Ltd., pp. 11-14.

Krauss A.G., and Hak L.J., 2000. Chronic Renal Disease, in Herfindal E.T., and Gourley D.R., (Eds), *Textbook of Therapeutics Drug and Disease Management*, 7th ed. Philadelphia: A Wolter Kluwer Company.

Mc Evoy, G.K., 2008. *AHFS Drug Information Book I*, United States of America: American Society of Health System Pharmacist, Electronic version.

McPhee, S.J., Papadakis, M.A., and Tierney, L.M., 2008. Current Medical Diagnosis and Treatment, 47th edition, New York: McGraw-Hill Companies, Inc., pp. 793-798.

Mycek, M.J., R.A. Harvey, P.C. Champe and B.D. Fisher, 2001, *Farmakologi Ulasan Bergambar*, terjemahan A. Agoes, Jakarta : Penerbit Widya Medika, pp. 404-406.

Nafrialdi., 2011. *Farmakologi dan Terapi*.Ed.7. Jakarta: Badan Penerbit FKUI Hal 341-345.

National Kidney Foundation, 2007. *Clinical Practice Guidelines Clinical K/DOQI Practice Guidelines for Chronic Kidney Disease: Evaluation, Classification and Stratification*. New York: NKF.

Noer, M.S., 2006. *Gagal Ginjal Kronik Pada Anak*, Fakultas Kedokteran UNAIR.

O'Callaghan, C.A., and Brenner, B.M., 2000. *The Kidney at a Glance*, London: Blackwell Science Ltd., pp. 94-95.

- Pagana, K.D. and Pagana, T.J., 2013. *Mosby's Manual of Diagnostic and Laboratory Test*^{5nd}ed. St. Louis: Mosby's, Inc.
- Prasetya, P.R, Karsana. R, Swastini, D.A, 2007, *Kajian Interaksi Obat pada Pengobatan Pasien Gagal Ginjal Kronis Hipertensi di RSUP Sanglah Denpasar*, Denpasar.
- Rahman, ARA, Rudiansyah, M &Triawanti, 2013, *Hubungan antara adekuasi hemodialisis dan kualitas hidup pasien di RSUD Ulin Banjarmasin*, Vol. 9, hal 151-160.
- Scanlon, Valerie C, Sanders, Tina, 2007 ,Buku Ajar Anatomi Dan Fisiologi (Essentials of Anatomy and Physiology), Jakarta : Penerbit Buku Kedokteran EGC.
- Silbernagl, S. and Lang, F., 2006.*Teks & Atlas Berwarna Patofisiologi*. Jakarta : EGC.
- Smeltzer, S. C., & Bare, B. 2002. *Buku ajar keperawatan medikal bedah brunner & suddarth* 8th edition ed., vol. II. M. Ester, Ed., & A. Waluyo, Trans. Jakarta: EGC.
- Suhardjono, dkk., 2001. Gagal Ginjal Kronik. *Buku Ajar Ilmu Penyakit Dalam*. Jilid II. Edisi Ketiga, Jakarta : FK UI..
- Sukandar, E.Y., Andrajati, R., Sigit, J. I,dan Kusnandar, 2008. *ISO Farmakoterapi*. Jakarta: ISFI.
- Sumigar, Gelendis., Rompas, Sefty., dan Pondaag, Linnie. 2015. Hubungan Dukungan Keluarga dengan Kepatuhan Diet pada Pasien Gagal Ginjal Kronik di Irina C2 dan C4 RSUP Prof. Dr. R. D. Kandou Manado. *ejournal Keperawatan (e-Kep)* Vol. 3, No. 1.

- Supadmi, Woro. 2011. Evaluasi Penggunaan Obat Antihipertensi pada Pasien Gagal Ginjal Kronik yang Menjalani Hemodialisis. *Jurnal Ilmiah Kefarmasian*, Vol. 1, No. 1, 2011 : 67 – 80.
- Tatro, D.S., 2008. *Prescriber's A to Z Drug Reference Facts & Comparisons*, San Fransisco, USA: Facts and Comparison.
- Tazeen H. Jafar, MD, MPH., Paul C. Stark, ScD., Christopher H. Schmid, PhD., Marcia Landa, MA., Gluseppe Maschio , MD., Paul E. de Jong, MD, PhD., Dick de Zeeuw, MD, PhD., Shahnaz Shahinfar, MD., Robert Toto, MD., and Andrew S. Levey, MD. 2003. *Progression of Chronic Kidney Disease : The Role of Blood Pressure Control, Proteinuria, and Angiotensin-Converting Enzyme Inhibition*. pp. 296-298.
- Tjay, Tan Hoan, Drs., Rahardja, Kirana, Drs., 2007. *Obat-Obat Penting Khasiat, Penggunaan, dan Efek-efek Sampingnya Edisi Keenam*. Jakarta : PT. Elex Media Komputindo. Hal 516-623.
- Tjokroprawiro, Askandar. 2007, Buku Ajar Ilmu Penyakit Dalam, Surabaya, Fakultas Kedokteran Universitas Airlangga Rumah Sakit Pendidikan Dr. Soetomo Surabaya, 222.
- Tortora GJ, Derrickson B. 2011. Principles of Anatomy and Physiology Maintanance and Continuity of the Human Body 13th Edition. Amerika Serikat: John Wiley & Sons, Inc.
- Verelli M. 2005. Chronic renal failure. Available from: <http://www.eMedicine.com>. [Accesed 20 Juni 2015]
- Wells, B.J., Dipiro, J.T., Schwinghammer, T.L., and Hamilton, C.W., 2002. *Pharmacotherapy Handbook, 5thed*. New York: McGraw-Hill Companies, Inc.
- World Health Organization. 2002. Burden of disease project.

Yusuf, Ismail, 2008. *Hipertensi Sekunder*. Vol.21. No.3. Edisi Juli-September 2008. Medica Review, Jakarta.

Zanchetti, Alberio, 2003, *European Society of Hypertension-European Society of Cardiology*, Journal of Hypertension, p. 1011-1053.